

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	((data adj broadcast\$3) same (television or tv) same band) and (sound near5 band)	US-PGPUB; USPAT	OR	ON	2006/12/07 15:45
L2	124	348/723.ccls. and @ay<"2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:47
L3	106	(mix\$3 adj2 (sound or audio)) same (tv or television) same broadcast\$3	USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 15:52
L4	0	2 and 3	USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 15:48
L5	410	348/725.ccls. and @ay<"2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 15:47
L6	0	3 and 5	USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 15:48
L7	13	3 and "348"/\$.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 15:53
S1	5	348/738.ccls. and (program adj guide)	US-PGPUB; USPAT	OR	ON	2006/05/10 15:44
S2	0	348/738.ccls. and (program adj guide)	USPAT	OR	ON	2003/04/18 14:25
S3	112	348/738.ccls. and (electronic)	USPAT	OR	ON	2003/04/18 14:26
S4	4	(348/738.ccls. and (electronic)) and (data near3 broadcast\$3)	USPAT	OR	ON	2003/04/18 14:36
S5	8	348/738.ccls. and (data near3 broadcast\$3)	USPAT	OR	ON	2003/04/18 14:26
S6	270	348/738.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/19 20:46
S7	87	(data adj broadcast\$3) with band	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/18 14:38
S8	50	(sound adj broadcast\$3) with band	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/18 14:38

## EAST Search History

S9	4	((data adj broadcast\$3) with band) and ((sound adj broadcast\$3) with band)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/18 14:39
S10	6	SASANO-KOUJI.in.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/18 14:39
S11	3	SASANO-KOUJI.in. and (data or sound)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/18 15:02
S12	49	348/462.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/18 15:51
S13	2	"6111613".pn.	USPAT; EPO; JPO; DERWENT	OR	ON	2004/01/11 14:36
S14	1	"6111613".URPN.	USPAT	OR	ON	2003/04/18 15:10
S15	9	("4139866"   "4356510"   "5070404"   "5325127"   "5428404"   "5497372"   "5584051"   "5722047"   "5857149"). PN.	USPAT	OR	ON	2003/04/18 15:10
S16	8	"5325127".URPN.	USPAT	OR	ON	2003/04/18 15:15
S17	27	"5070404".URPN.	USPAT	OR	ON	2003/04/18 15:25
S18	377	348/473.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/18 15:52
S19	59574	(control\$3 near5 (sound or audio))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/18 17:45
S20	1754	( (control\$3 near5 (sound or audio))) and ((tv or television) near broadcast\$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/18 15:54
S21	93	(( (control\$3 near5 (sound or audio))) and ((tv or television) near broadcast\$3) ) and (data adj5 band)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/18 17:46
S22	34	(( (control\$3 near5 (sound or audio))) and ((tv or television) near broadcast\$3) ) and (data adj5 band)) and guide	USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 15:46
S23	21	(( (control\$3 near5 (sound or audio))) and ((tv or television) near broadcast\$3) ) and (data adj5 band)) and guide) and electron\$3	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/18 17:44
S24	210	( (control\$3 near5 (sound or audio))) and (pip or "picture in picture" )	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/18 17:54

## EAST Search History

S25	15	(( (control\$3 near5 (sound or audio))) and (pip or "picture in picture" )) and (data adj5 band)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/18 17:47
S26	18	(pip or "picture in picture" ) same (volume adj control\$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/18 17:55
S27	15	("picture-in-picture" or "picture in picture" or PIP) with ((sound or audio) near control\$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/19 13:23
S28	8423	(transmi\$5 or broadcast\$3) near2 (screen or (program adj guide) or EPG)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/19 13:27
S29	3588	(transmi\$5 or broadcast\$3) near (screen or (program adj guide) or EPG)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/19 13:32
S30	435	((transmi\$5 or broadcast\$3) near (screen or (program adj guide) or EPG)) with (television or tv)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/19 13:32
S31	29	(((transmi\$5 or broadcast\$3) near (screen or (program adj guide) or EPG)) with (television or tv)) same (audio or sound)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/19 14:10
S32	0	(((transmi\$5 or broadcast\$3) near (screen or (program adj guide) or EPG)) with (television or tv)) same (audio or sound) same (control adj (program or software))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/19 13:36
S33	3	(((transmi\$5 or broadcast\$3) near (screen or (program adj guide) or EPG)) with (television or tv)) same (audio or sound) and (control adj (program or software))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/19 13:37
S34	232	display\$3 near (broadcast adj program)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/19 14:11
S35	0	(display\$3 near (broadcast adj program)) and XML	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/19 14:11
S36	29	(display\$3 near (broadcast adj program)) and (data adj broadcast )	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/19 15:12
S37	134	725/40-41.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/19 15:15
S38	59	725/136.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/19 15:12

## EAST Search History

S39	81	725/40.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/19 15:25
S40	59	725/41.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/19 15:25
S41	140	(sound or audio) with (broadcast\$3 adj band)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/21 14:55
S42	48	sound with (broadcast\$3 adj band)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/29 08:54
S43	663	(data adj broadcast\$3) same (television or tv)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/29 08:55
S44	39	((data adj broadcast\$3) same (television or tv)) same band	USPAT; EPO; JPO; DERWENT	OR	ON	2003/04/29 09:46
S45	5	((data adj broadcast\$3) same (television or tv)) same band and (sound near5 band)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/19 21:09
S46	5	("5255313") or ("5515052") or ("6040829") or ("6130726") or ("6020881").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/12 10:28
S47	2	"6452644".pn.	USPAT; EPO; JPO; DERWENT	OR	ON	2004/01/11 16:58
S48	2	"6359661".pn.	USPAT; EPO; JPO; DERWENT	OR	ON	2004/01/11 16:58
S49	294	348/738.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/19 20:46
S50	41	(display\$3 near (broadcast adj program)) and (data adj broadcast )	USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/19 20:50
S51	283	(transmi\$5 near (executable or code or program)) same ((separat\$3 or different) adj (band or channel or freqency))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/19 21:10
S52	434	(transmi\$5 near (video or image or picture)) same ((another or second or separat\$3 or different) adj (band or channel or freqency))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/19 20:54

## EAST Search History

S53	15	S51 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/19 20:55
S54	6	((data adj broadcast\$3) same (television or tv) same band) and (sound near5 band)	USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 15:45
S55	145	((transmi\$5 or broacast\$3) near (executable or code)) same ((separat\$3 or different) adj (band or channel or frequency))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/27 18:17
S56	147	((transmi\$5 or broadcast\$3) near (executable or code)) same ((separat\$3 or different) adj (band or channel or frequency))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/19 21:11
S57	40	S56 and @ay<"2000" ,	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 08:20
S58	345	348/738.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 08:28
S59	202	S58 and @ay<"2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 10:53
S60	407	348/725.ccls. and @ay<"2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 08:36
S61	124	348/723.ccls. and @ay<"2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 10:01

## EAST Search History

S62	5	(("5808694") or ("5790753") or ("5341474") or ("5734853") or ("5742680")).PN.	US-PGPUB; USPAT	OR	OFF	2005/04/20 10:16
S63	1	"5255096".pn.	US-PGPUB; USPAT	OR	ON	2005/04/20 10:43
S64	1	"6675388".pn.	US-PGPUB; USPAT	OR	ON	2005/04/20 10:44
S65	1	("6675388").URPN.	USPAT	OR	ON	2005/04/20 10:44
S66	14	("5341474"   "5446919"   "5585858"   "5734853"   "5742680"   "5790753"   "5805825"   "5808694"   "5848352"   "5861881"   "5886995"   "6112180"   "6188448"   "6212680").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/20 10:52
S67	0	725./136.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/20 10:53
S68	327	725/136.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/20 10:53
S69	75	S68 and @ay<"2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 11:20
S70	2	(("6690683") or ("6665266")).PN.	US-PGPUB; USPAT	OR	OFF	2005/04/20 11:00
S71	21861	(data near2 broadcast\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 11:17
S72	493260	(data near2 (broadcast\$3 or transmi\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 11:21
S73	14191	S72 and ("348"/\$.ccls. or "725"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 11:20

## EAST Search History

S74	14191	S72 and ("348"/\$.ccls. or "725"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 11:20
S75	8217	S74 and @ay<"2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 11:22
S76	1782	(data near2 (broadcast\$3 or transmi\$5)) same (separate adj2 (channel or band))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 11:21
S77	944	S76 and @ay<"2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 11:22
S78	5	S77 and (executable near code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 11:23
S79	1	348/460.ccls. and ((transmi\$7 or broadcast\$3) near5 (executable adj (program or code)))	US-PGPUB; USPAT	OR	ON	2005/04/27 18:14
S80	365	((transmi\$7 or broadcast\$3) near5 (executable adj (program or code)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 11:28
S81	0	S80 same ((separat\$3 or different) adj (band or channel or freqeucy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/27 18:17
S82	16	S80 and ((separat\$3 or different) adj (band or channel or freqeucy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 11:29

## EAST Search History

S83	2003	((transmi\$7 or broadcast\$3) same (executable adj (program or code)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 13:41
S84	2744	((transmi\$7 or broadcast\$3) same (executable adj2 (program or code)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 11:34
S85	4	S84 same ((separat\$3 or different or additional or second or another) adj (band or channel or frequency))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 11:32
S86	17	S84 and 348/46\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 13:39
S87	1790	((audio or sound) near channel) same (tv or video) same (broadcast\$3 or transmi\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 13:53
S88	3	S87 same (executable adj (program or code))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 13:41
S89	3	S87 same (executable near2 (program or code))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 13:53
S90	13676	((audio or sound) adj2 channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 13:53

## EAST Search History

S91	10	S90 same (executable near2 (program or code))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 14:04
S92	6	S91 and (mix\$3 or multiplex\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 10:58
S93	2	"20010005236"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 17:41
S94	8805	(mix\$3 or multiplex\$3) near (sound or audio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 10:59
S95	2971	S94 and broadcast\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 10:59
S96	2274	S95 and (video or image or picture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 10:59
S97	1765	S96 and (television or Tv)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 11:00
S98	1391	S97 and (program or (executable adj code))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 11:01

## EAST Search History

S99	16	S98 and ((second or additional or another) near band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 11:22
S100	347	348/738.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 11:13
S101	54	S94 and S100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 11:13
S102	33	S96 and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 11:22
S103	12	S100 and ((second or additional or another) near band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 11:22
S104	403	(digital adj television) and (executable adj (program or code or object))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 15:48
S105	0	348/385.1.ccls. and (digital adj television) and (executable adj (program or code or object))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 15:46
S106	0	S104 and 348/385.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 15:46

## EAST Search History

S10 7	169	348/385.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 15:46
S10 8	80	S107 and @ay<"2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 15:51
S10 9	0	S108 and (executable adj (program or code or object))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 15:48
S11 0	28	(broadcastint or transmitting) adj (executable adj (program or code or object))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 15:49
S11 1	28	(broadcasting or transmitting) adj (executable adj (program or code or object))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 15:49
S11 2	54	(broadcasting or transmitting) adj2 (executable adj (program or code or object))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 15:50
S11 3	91	(broadcasting or transmitting) near2 (executable adj (program or code or object))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 15:50
S11 4	216	(broadcast\$3 or transmit\$4) near2 (executable adj (program or code or object))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 15:50

## EAST Search History

S11 5	80	S114 and @ay<"2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 15:51
S11 6	46	S115 and (television or video)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 15:53
S11 7	20	S115 and television	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 15:53
S11 8	1171	metz.in.	US-PGPUB; USPAT	OR	ON	2006/05/12 10:28
S11 9	20	S118 and download\$3	US-PGPUB; USPAT	OR	ON	2006/05/12 13:12
S12 0	1	"6045515".PN.	US-PGPUB; USPAT	OR	ON	2006/12/07 14:01
S12 1	1	"4398216".pn.	US-PGPUB; USPAT	OR	ON	2006/12/07 12:59
S12 2	1	"6076094".PN.	US-PGPUB; USPAT	OR	ON	2006/12/07 14:01
S12 3	57	("3696297"   "4473824"   "4677552"   "4695880"   "4700378"   "4706121"   "4725886"   "4740912"   "4745559"   "4751578"   "4845658"   "4862268"   "4868866"   "4887308"   "4977455"   "4989230"   "5010499"   "5019963"   "5036518"   "5038211"   "5038374"   "5047867"   "5063610"   "5070404"   "5088108"   "5099422"   "5140419"   "5161109"   "5166886"   "5181113"   "5210611"   "5212684"   "5214792"   "5223924"   "5235680"   "5239540"   "5245429"   "5247575"   "5262860"   "5281962"   "5283639"   "5327237"   "5327554"   "5359367"   "5557333"   "5560038"   "5594911"   "5604867"   "B14706121").PN. OR ("6076094"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/07 14:34